

19970801.qrp v00_n805.qrs.970801

>From ???@??? Sat Aug 02 02:54:37 1997
Date: Fri, 1 Aug 1997 19:03:11 EDT
Subject: QRP-L digest 805
Message-Id: <97Aug1.190451edt.35071-18066+157@fidoii.cc.Lehigh.EDU>

QRP-L Digest 805

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- 2) [24105] K1MG Digital Clock/Counter ships!
by "Michael A. Gipe" <mgipe@reliablemeters.com>
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by Scott Rosenfeld NF3I <ham@w3eax.umd.edu>
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- 6) [24109] Re: xtals
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- 7) [24110] Re: QRP-L digest 804
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- 10) [24113] re: Noisebuster Headphones
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- 14) [24117] qrp-p journal summer-97
by "duane" <duane@flinet.com>
- 15) [24118] Heath HWA-7-1 power supply owners read.
by Gary M - W2UX <MAIL4GARY@worldnet.att.net>
- 16) [24119] Re: Help! I'm drifting awa.....
by Frank <frank001@postoffice.worldnet.att.net>
- 17) [24120] Re>SSB HB Sprint
by herr@ridgecrest.ca.us (Michael Herr)
- 18) [24121] QST copies/QST Search
by n4so@juno.com (charles k brown)
- 19) [24122] attached file accident

by "duane" <duane@flinet.com>
20) [24123] Free QRP parts!
by n5inz@juno.com (John M Andrews)
21) [24124] Ammo BOX QRP Rig
by George Gingell <k3tks@u1.abs.net>
22) [24125] keyers
by aa8yo@tir.com (aa8yo)
23) [24126] Re: keyers
by Bill Jones <kd7s@psnw.com>
24) [24127] outlook express 97 & internet explorer 4.02
by "duane" <duane@flinet.com>
25) [24128] Re: keyers
by James Parsons <k5rov@worldnet.att.net>
26) [24129] RE:K3ETS <SK>
by Brian Cieslak <brianc@ams-i.com>
27) [24130] Re: QST copies/QST Search
by tahrens1@juno.com (Timothy H Ahrens)
28) [24131] computer files
by mark.milburn@commonlink.com (Mark Milburn)
29) [24132] Re: FS: TAC-1
by "Trip N. Daniel" <trip@medanet.ro>
30) [24133] Noise reduction w/ LM386
by "Robert W. Shaw" <lycott@fox.nstn.ca>
31) [24134] HWA-9 WARC band kits
by rerobins@unccvm.uncc.edu (Rick Robinson)
32) [24135] Re: computer files
by "Brian.Buydens@usask.ca" <buydens@duke.usask.ca>
33) [24136] Re: QRP-L digest 804
by "Thomas J. Whalen" <whalen@swcp.com>
34) [24137] Yet another off center fed wire antenna.
by Jack Bryant <Jack.Bryant@math.tamu.edu>
35) [24138] SST MODS
by Jim_Cadorett@3com.com
36) [24139] Re: computer files
by Ed Loranger <we6w@qsl.net>
37) [24140] Re: SST MODS
by Ed Loranger <we6w@qsl.net>
38) [24141] Re: Noise reduction w/ LM386
by Randy Hargenrader <randyh@harksystems.com>
39) [24142] Re: SST MODS
by Kory Hamzeh <kory@avatar.com>
40) [24143] Juno Crash
by kd4kzq@juno.com (Jim A Norsworthy)
41) [24144] Be specific!
by laura halliday <ve7ldh@direct.ca>
42) [24145] Re: SST MODS
by Chris Cartwright <ccart@dns.vidtel.com>
43) [24146] Better Late Than Never- Ft. Tuthill Reprise

by ji3m@maxwell.com (James R. Duffey)
44) [24147] Re: SST MODS
by Chris Cartwright <ccart@dns.vidtel.com>
45) [24148] Re: SST MODS
by Ed Loranger <we6w@qsl.net>
46) [24149] Find the Missing SST contest (Inspiration)
by Ed Loranger <we6w@qsl.net>
47) [24150] Re: Noise reduction w/ LM386
by rob3ert@juno.com (Robert G. Parks)
48) [24151] re:computer files
by claudewb9euu@juno.com (CLAUDE PALUSKI)
49) [24152] FW5IW - France?
by Dan Tayloe-P26412 <Dan_Tayloe-P26412@email.mot.com>
50) [24153] Fishing poles
by "Frank, G3YCC." <g3ycc@gqrpclub.demon.co.uk>
51) [24154] Re: FW5IW - France?
by Ed Loranger <we6w@qsl.net>
52) [24155] Re: keyers
by Chris Cartwright <ccart@dns.vidtel.com>
53) [24156] Railroad Tracks?
by CBAILEY@PAMDT.ANG.AF.MIL
54) [24157] Re: Railroad Tracks?
by Chris Trask <ctrask@primenet.com>
55) [24158] QSL Card
by Roger Hightower <n7kt@dancris.com>
56) [24159] FW: AUSTIN SUMMERFEST '97 Ham convention
by "rohre" <rohre@arlut.utexas.edu>
57) [24160] 1000 Miles/watt awards
by Ed Loranger <we6w@qsl.net>
58) [24161] Quick and easy panels update
by Neil Heckt <neil@aade.com>
59) [24162] QRP for sale - HW9, PM-2B, Drake B-line
by Stephan Greene <sgreene@washsq.com>
60) [24163] 38S help!
by MSU1972@aol.com
61) [24164] Re: 1000 Miles/watt awards
by pthomson@bruderhof.com
62) [24165] JAX 'FEST
by kc4mhm@juno.com (ed miller)
63) [24166] NORTEX QRP meeting
by Joe Spencer <jspencer@startext.net>
64) [24167] Re: K3ETS <SK>
by n4oln@juno.com

Date: Thu, 31 Jul 1997 23:12:30 -0400
From: "Rich Dailey, KA8OKH" <ka8okh@som-uky.campus.mci.net>

To: qrp-l@Lehigh.EDU
Subject: [24104] 50/40/30 - KY results
Message-ID: <3.0.16.19970731215748.209f2d1e@som-uky.campus.mci.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

KA8OKH - KY - RICH - 4W

A dismal evening, to say the least. Got home from work at 0030 utc, so my 30m operating didn't start till 0100. A family crisis intervened at 0200, and my evening of qrp ground to an abrupt halt. Add to that the fact that my hard drive wrecked the night before, losing everything (and I have a tape backup - used it last January).

My apologies to those of you I didn't get to work on 40... Rich

30m - 10.114 July 29, 1997 (utc Wed)

0116 N4UY 559 VA JAKE 5W
0119 K5DP 559 OK MARK 3W
0124 WN0B 559 CO LEO 1W
0134 W5JAY 599 AR JAY 500MW(!) GREAT SIG!
0142 N9ZXL 589 IL DAVE 4W
0149 KT3A 559 PA ? 5W

P.S.- From the times, you can see I'm a lil long winded. It was fun.

Rich Dailey, KA8OKH <ka8okh@som-uky.campus.mci.net>
The KA8OKH Web - <www.qsl.net/ka8okh>

Date: Thu, 31 Jul 1997 16:32:02 -0700
From: "Michael A. Gipe" <mgipe@reliablemeters.com>
To: "QRP-L list server" <qrp-l@Lehigh.EDU>
Subject: [24105] K1MG Digital Clock/Counter ships!
Message-ID: <199707312330.SAA12202@multi13.netcomi.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Gang --

At long last, the Digital Clock/Counter kit is shipping.

All outstanding orders have gone out the door and should arrive in the next day or two.

In case you missed it before, the DCC is a microprocessor-based frequency counter designed for use as a digital frequency display for QRP, homebrew, or older rigs that have limited frequency readout. With a big LCD display, it's a nice addition to your 38 Special, NorCal40, or other kit or homebrew rig. In addition to giving you a precise indication of your operating frequency, it also has a built-in 24 hour UTC clock -- so not only will you know where you were in the band when you worked VK6XX, but you'll also know when! For more info, see <http://www.fix.net/~jparker/blusky/ccd.htm>.

I will bring kits to the NorCal meeting next Sunday, in case anyone would like to purchase one.

Mike K1MG

more info: <http://www.fix.net/~jparker/blusky/ccd.htm>

Date: Thu, 31 Jul 1997 17:59:20 -0400
From: Scott Rosenfeld NF3I <ham@w3eax.umd.edu>
To: qrp-1 <qrp-1@Lehigh.EDU>
Subject: [24106] The true meaning of lightweight
Message-ID: <Pine.3.89.9707311456.I32037-01000000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; CHARSET=US-ASCII

OK, OK, so I've been here for nearly a week and haven't made a single contact from Arizona. I've been hamfesting, ad fixing stuff at my sisters' place for them.

Can't fix the binoculars :(

Anyway, having hiked from 6900 to 9400 feet up Mt. Elden, and up the faced of a canyon (Oak Creek, with many switchbacks, 1900' climb in 1 mile of hiking), I can see JUST why EVERY ounce counts.

Tomorrow, if all goes well, up to the top of 10,600' Kendrick. And then back down. No time to play radio up there, save for the 2m HT. Oh well, the sights are worth the price of admission and the aches and pains.

Why, again, do most of us live in Flatland???

NF3I/7 Flagstaff, AZ for two more days 520-214-0369

* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 *
*** 6m 75 grids worked on 8 watts *** HF 140 cfmd * QRP-L #147 ***
** QRP ARCI #9054 ** DXCC/WAS/WAC *** 100% dipole powered HF/6m **
* 301-549-1022 h / 301-982-1015 w *** Hamfest, life's simple joy *

Date: Thu, 31 Jul 1997 17:02:44 -0700 (PDT)
From: doug hauff <slmachco@fix.net>
To: qrp-l@Lehigh.EDU
Subject: [24107] Help! I'm drifting awa.....
Message-ID: <199708010002.RAA17901@fletch.fix.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I'm hoping on of you guys who actually knows what he is doing with this stuff can help me understand what's going on with my 38S. After countless mods, meltdowns, fried IC's, vaporized torroids, etc, my 38S has come back every time a solid, drift-free performer. I guess I finally really offended it - one groggy morning I hooked up a fresh battery backwards, instantly smoking the 7808.

A new 7808 & back on the air, only now an annoying drift. Changed 7808 again, same thing. (Rig has RIT, 5W, tick. L1=6.8uH, C8=7pf, tuning 10.101 to 10.119 mhz. Changed C8 back to 47pf, no help.)

Most noticable at lower end of tuning, rig will drift up a khz with key down for 25-30 seconds. Key up, drifts back down in about 10 seconds. Voltage measured at tune pot wiper (at 10.101 mhz) .901 V, key down drops to .643 V, rises steadily to .668 V after 25-30 seconds. Key up, .907 V, drops to .901 V in about 10 seconds. What the &*&\$# is going on? Its like a cap charging and discharging... Why does wiper voltage drop at key down? My DVM loses third decimal in 8 volt range, measures 8.08 V at 8 V points, flickers and drops to 8.07 V on key down. Is the 7808 causing the drift? I'm losing sleep over this, I gotta understand what's going on! Any help will be greatly appreciated!

Thanks!

73 to all Doug KE6RIE

Date: Thu, 31 Jul 1997 20:07:56 EDT
From: tahrens1@juno.com
To: kory@avatar.com
Cc: qrp-1@Lehigh.EDU
Subject: [24108] Re: WTB: Schurr Portable Wabblers
Message-ID: <19970731.190919.4919.1.tahrens1@juno.com>

I looked in the junk box, and I could only find the fixed use version of the Wabblers. It's really heavy, so I'm sure you wouldn't be interested.

Sorry!

Tim W5FN

On Thu, 31 Jul 1997 14:47:58 -0700 (PDT) Kory Hamzeh <kory@avatar.com> writes:

>
>I'm looking for a Schurr Portable Wabblers in mint shape. If you have
>one
>and you are willing to part with it, please let me know!
>
>Thanks,
>Kory
>AC6RN
>
>
>

Date: Thu, 31 Jul 1997 20:14:04 -0400
From: Bill Carver <bcarver@magiclink.com>
To: Paul Erickson <paut1@wizard.ucs.sfu.ca>, qrp-1@Lehigh.EDU, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [24109] Re: xtals
Message-ID: <199708010014.UAA68606@nss2.CC.Lehigh.EDU>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

You definitely should NOT accept ANY crystals from Mouser that won't oscillate. If they won't oscillate I would send them back. Too bad you have to be doing their quality control job for them. They sell ECS and some other brand as I recall. Epson I think. As a matter of curiosity, what brand were

they, and where were they made?

I've bought/tested between 200 and 300 microprocessor xtals, most of them from DigiKey, and never had one that was defective. Previous purchases have said "TAIWAN" and "PHILIPPINES" on the case and had Q's in the 100,000 to 180,000 region. These have been making very nice filters. The last few purchases, however, have had low Q. On the order of 40,000-60,000 in a few cases, which makes them lousy for filter application. These low-Q units said "CHINA" on them.

They DO oscillate, however, so can't claim they are "defective". Wish I could!

Regards - Bill - W7AAZ

Date: Thu, 31 Jul 1997 17:14:03 -0700
From: "Captain Dick" <captaindick@acmenet.com>
To: <qrp-l@Lehigh.EDU>
Subject: [24110] Re: QRP-L digest 804
Message-ID: <199708010010.RAA09786@premier1.premier1.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Hello to all;

I got my Argonaut and have set it up in a nice arrangement at my working desk. Now if I can get some code speed back I might even try a contact. I am wondering if anyone on the list has an old Ten Tec microphone they would part with. I remember having one when I first did this (back when the Argonaut first came out!) that was rather tall and slim and fit into a little base piece on the desk. You lifted it out of the base piece and used it like a handheld. Anyway, if anyone maybe has one of those old mikes in a box under the table somewhere, I'd be interested in buying it to kind of complete my little station here.

Captain Dick

Date: Thu, 31 Jul 1997 20:38:12 EDT
From: w4bws@juno.com (Donald E Sanders)
To: owens@stout.atd.ucar.edu
Cc: qrp-1@Lehigh.EDU
Subject: [24111] Re: Rare Antennas
Message-ID: <19970731.204838.2215.3.W4BWS@juno.com>

This book is available from the CQ magazine book store.

On Thu, 31 Jul 1997 15:41:49 -0600 (MDT) owens@stout.atd.ucar.edu (Chip Owens) writes:

>Both of the "rare" antennas under discussion are pretty
>well described in the book by Capt. Paul Lee, USN ret.,
>I think the title is "Vertical Antenna Handbook" If
>I recall correctly this was published by Cowan several
>years ago.

>
>Chip Owens, NW00
>
>

Date: Thu, 31 Jul 1997 17:43:42 -0700
From: "Michael A. Gipe" <mgipe@reliablemeters.com>
To: "QRP-L list server" <qrp-1@Lehigh.EDU>
Subject: [24112] re: K1MG Digital Clock/Counter ships!
Message-ID: <199708010042.TAA16739@multi13.netcomi.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

> From: Christian Hunt <chunt@macromedia.com>
>
> Looks nice! One question: Being new to homebrewing, aside from building
> kits, how easy would it be to interface to an SST? As simple as hooking
> up
> the correct leads from the SST PCB (has freq. out, etc)?
>
> Thanks in advance!
>
> 73, KF6IHU

>
>

What a timely question! I was perusing the SST manual and schematic last night, trying to answer that question for myself. Looks like it should be a piece-o'-cake. Just connect the DCC RF input with a short piece of RG-174 or similar to R7. The hardest part is squeezing the display into the SST's diminutive cabinet. I hope to start building my SST this evening, and once I have it working, I'm going to add a DCC. I will let you know how it goes.

BTW, the pictures on the web page are of one of the prototype units. The actual kits have a very nice PC board with silkscreen and soldermask on BOTH sides of the board -- makes assembly a lot easier.

Mike K1MG

Date: Thu, 31 Jul 1997 17:54:22 -0700 (MST)
From: ruswhite@netzone.com (Russell W. White)
To: qrp-1@Lehigh.EDU
Subject: [24113] re: Noisebuster Headphones
Message-ID: <199708010054.RAA14116@nz1.netzone.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

This idea was mentioned to me.
Use earbuds and earmuff type hearing protection (like you would use for shooting).

Russ AB7JX

Date: Thu, 31 Jul 1997 18:18:34 -0700
From: Ed Loranger <we6w@qsl.net>
To: ruswhite@netzone.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [24114] Re: Noisebuster Headphones
Message-ID: <33E1396A.7A1C@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

A co-worker has these and they work great on constant background noise.

You can hear intermittent noises OK, such as people talking to you. It's really great when you're sitting next to a rack of equipment with all the fans running, and yet you can hear yourself think. And you don't talk as loud to others as you would if you were fighting the sound.

Only thing I don't like is they feel like they're sucking the sound out of your head. Feels like you have a cold at first. Then you get used to the quiet!

-Ed

--

72/73 de we6w qrp es cw ONLY (From non-ham to extra in one day!)

HW-8;OHR-100, Pixie2, Johnson Viking II w/VFO.

QRP-L#1068/Norcal#2227/ARS#275/ARCI#9397 grid CM88ok

mailto:we6w@qsl.net <http://www.qsl.net/we6w>

Date: Thu, 31 Jul 1997 21:32:13 EDT

From: k4zd@juno.com (Robert L Hanrahan)

To: qrp-l@Lehigh.EDU

Subject: [24115] F.S. Index QRP++

Message-ID: <19970731.213609.8239.0.k4zd@juno.com>

Fellow QRP'ers,

In you ever wanted to own a Index qrp rig, this could be the one for you. Our son has returned from college and has decided to sell his practically new QRP++. The rig had approximately 20 hours of use. Complete in original box with recommended microphone. Interesting serial number for collectors.

INDEX QRP++ (S/N 1001)

ICOM HM-70 Mic

Asking \$525.00

Prepaid shipping U.S.A.

International shipping can be arranged

72's/Bob/K4ZD
e-mail: k4zd@juno.com

Date: Thu, 31 Jul 1997 21:52:17 -0400 (EDT)
From: WD6BOR@aol.com
To: qrp-l@Lehigh.EDU
Subject: [24116] AOL got me...
Message-ID: <970731215214_326386587@emout08.mail.aol.com>

Dear All,

Somehow I got a corrupted file or email and haven't been able to download my mail since the 23rd. If you've sent anything to me that needs attention, please send it again. Hopefully no more crashes.

I finally got through to a live person at AOL after several days and wound up having to delete all the saved mail sent or received. Seemed to work. I recall Roy G. up north has the same error messages. Roy, let me know how you did.

Darrel, WD6BOR

Date: Thu, 31 Jul 1997 22:35:27 -0400
From: "duane" <duane@flinet.com>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [24117] qrp-p journal summer-97
Message-ID: <199708010238.WAA24430@shell.flinet.com>
MIME-Version: 1.0
Content-Type: multipart/related;
 type="text/plain";
 boundary="-----=_NextPart_000_0001_01BC9E02.0B6DCE00"

This is a multi-part message in MIME format.

-----=_NextPart_000_0001_01BC9E02.0B6DCE00
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I would like to say thanks for a very interesting journal.
I mean to tell you the writers for the journal have done another great job!

I was very impressed with Paul's (NA5N) article explaining the use and operation of an oscilloscopes, great job Paul ! I learn more from this group and their journals, then anything I've study in the past. between reading their suggested reading and their plain simple method of teaching you can't go wrong. I only wished I had discovered this group when I first got into ham radio 11 years ago.

A Big THANKS!! 72/73
Duane AB4BE QRP-L#710
<http://www.flinet.com/~duane>
duane@flinet.com
ab4be@amsat.org

-----=_NextPart_000_0001_01BC9E02.0B6DCE00
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Content-Transfer-Encoding: base64
Content-ID: 000001bc9e23\$922b81a0\$2e1a0ed0@duane.flinet.com

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Date: Thu, 31 Jul 1997 11:35:26
From: Gary M - W2UX <MAIL4GARY@worldnet.att.net>
To: qrp-1@Lehigh.EDU
Subject: [24118] Heath HWA-7-1 power supply owners read.
Message-ID: <3.0.1.16.19970731113526.358fc900@postoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I have several brand new HWA-7-1 cases, painted, lettered and holes punched. Ready to use. New from HeathKit. If you have one that works but has a ratty case....this is your chance to make it look like new again. Yours for \$5.00 plus shipping. They might make nice little project boxes also if you could repaint or figure out a way around the lettering. Drop me a line if you want one.

=====
73 / 72 QRP ARCI # 8911
Gary - W2UX QRP-L # 593
Lexington, SC CQC #413
(EX: WA2UAX)
CW is the REAL THING! Use it or lose it.
=====

Date: Thu, 31 Jul 1997 20:51:35 -0700
From: Frank <frank001@postoffice.worldnet.att.net>
To: slmachco@fix.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [24119] Re: Help! I'm drifting awa.....
Message-ID: <33E15D47.4E6D@postoffice.worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

doug hauff wrote:

>
> I'm hoping on of you guys who actually knows what he is doing with this
> stuff can help me understand what's going on with my 38S. After countless
> mods, meltdowns, fried IC's, vaporized torroids, etc, my 38S has come back
> every time a solid, drift-free performer. I guess I finally really offended
> it - one groggy morning I hooked up a fresh battery backwards, instantly
> smoking the 7808.
> A new 7808 & back on the air, only now an annoying drift. Changed 7808
> again, same thing. (Rig has RIT, 5W, tick. L1=6.8uH, C8=7pf, tuning 10.101
> to 10.119 mhz. Changed C8 back to 47pf, no help.)
>
> Most noticable at lower end of tuning, rig will drift up a khz with key down
> for 25-30 seconds. Key up, drifts back down in about 10 seconds. Voltage
> measured at tune pot wiper (at 10.101 mhz) .901 V, key down drops to .643 V,
> rises steadily to .668 V after 25-30 seconds. Key up, .907 V, drops to .901
> V in about 10 seconds. What the &*&\$%# is going on? Its like a cap charging
> and discharging... Why does wiper voltage drop at key down? My DVM loses
> third decimal in 8 volt range, measures 8.08 V at 8 V points, flickers and
> drops to 8.07 V on key down. Is the 7808 causing the drift? I'm losing
> sleep over this, I gotta understand what's going on! Any help will be
> greatly appreciated!
> Thanks!
>
> 73 to all Doug KE6RIE

I had the same thing with my 38S. Don't really know what caused it, but removing the RIT fixed the problem.

73 Frank W6EV

Date: Thu, 31 Jul 1997 20:59:01 -0800
From: herr@ridgecrest.ca.us (Michael Herr)
To: qrp-l@Lehigh.EDU
Subject: [24120] Re>SSB HB Sprint
Message-ID: <v01530503b0071d533d00@[199.120.150.36]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I should be on with the Cascade on 40...WA6ARA

Date: Fri, 01 Aug 1997 00:34:45 EDT
From: n4so@juno.com (charles k brown)
To: qrp-l@Lehigh.EDU
Subject: [24121] QST copies/QST Search
Message-ID: <19970731.113327.7551.16.n4so@juno.com>

Back in April I saved a text file on obtaining QST copies.
This info has not been verified-- I only saved the file for your possible use.

The following is a saved text file.

(*** He has copies from 1973 and says he is acquiring issues back to 1946. ***

E-mail him directly and find out at the address on the next line or at the

other work address in the middle of the textfile.)

Reply-To: ataylor@midas.llnl.gov

Date: Fri, 4 Apr 1997 16:09:42 -0800 (PST)

Subject: QST copies from past issues

In the past few weeks I have helped a few members of QRP-L and towertalk reflectors with copies from QST issues. I would now like to offer that to the

qrp-l group as an open offer: If anyone needs info or copies from QSTs from

1973 to present, I have a COMPLETE set at my disposal. I can be reached during workhours (!) at k7gt@qsl.net . Needless to say, I am not here on weekends.

In a few months, I expect to acquire the volumes covering 1946 through 1972.
Provided W6PY0 comes through.

I am NOT on the active distribution for QRP-L but am on the digest form, so if you want to take me up on my offer, please e-mail me directly.
nnnn

Anyone verify the above?
Ken Brown, N4SO
QTH nr Mobile, AL/ EM50tk
qrp-l #622
n4so@juno.com

Date: Fri, 1 Aug 1997 00:54:11 -0400
From: "duane" <duane@flinet.com>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [24122] attached file accident
Message-ID: <199708010457.AAA15515@shell.flinet.com>
MIME-Version: 1.0
Content-Type: multipart/alternative;
boundary="-----=_NextPart_000_0000_01BC9E15.6CA22A00"

This is a multi-part message in MIME format.

-----=_NextPart_000_0000_01BC9E15.6CA22A00
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

I posted a message about the fine job done on the qrp-p journal. a =
file was attached to the message by my email program....it was an =
accident!!! however after sending the message there was no way to =
recall it therefore the attached file was sent. I corrected this =
problem on this end and I'm sorry if it caused any problems to for =
anyone. If you see the org. posting just delete the message and the =
attached file will be deleted and all will be fine. I however do not =
need everyone to send me a message telling me about the attached file. =
I have never sent an attachment before and did not mean to send this =

one. Maybe there should be a committee appointed to email suspected =
rule violators as opposed to numerous people become self appointed email =
police. again sorry for any problems this may have caused.

72's =20

Duane AB4BE QRP-L#710
<http://www.flinet.com/~duane>
<http://www.flinet.com/~duane/ham/ham.html>
duane@flinet.com =20
ab4be@amsat.org=20

-----=_NextPart_000_0000_01BC9E15.6CA22A00
Content-Type: text/html;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

<!DOCTYPE HTML PUBLIC "-//W3C//DTD W3 HTML//EN">
<HTML>
<HEAD>

<META content=3Dtext/html; charset=3Diso-8859-1 =
http-equiv=3DContent-Type>
<META content=3D'"MSHTML 4.71.1008.3"' name=3DGENERATOR>
</HEAD>

<BODY bgColor=3D#ffffff>
<P> I posted a message =
about the fine=20
job done on the qrp-p journal. a file was attached to the =
message by=20
my email program....it was an accident!!! however after sending =
the=20
message there was no way to recall it therefore the attached file was=20
sent. I corrected this problem on this end and I'm sorry if it =
caused any=20
problems to for anyone. If you see the org. posting just delete =
the=20
message and the attached file will be deleted and all will be =
fine. I=20
however do not need everyone to send me a message telling me about the =
attached=20
file. I have never sent an attachment before and did not mean to =

to use with a few screws. Nifty fishin' pole holder, also.

2. For the life of me, I cant figger out how my wife can stand yougurt
you sip thru
a straw but I seem to have found a winner in the container. Don't
remember the
brand but it's about 6" tall and is bell-shaped. A small speaker fits
in the wide
end and t he tube has a "hollow" sound near my sidetone frequency
(~650Hz).
Makes a dandy CW pipe.

FWIW-
72, John-N5INZ

Date: Fri, 1 Aug 1997 02:27:03 -0400 (EDT)
From: George Gingell <k3tks@u1.abs.net>
To: Conway Yee <cyee@bidmc.harvard.edu>
Cc: QRP List <QRP-L@Lehigh.EDU>
Subject: [24124] Ammo BOX QRP Rig
Message-ID: <Pine.BSI.3.93.970801014300.703D-100000@u1.abs.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Conway,

I just read your request on QRP-L Digest, so you probably have several
answers allready. Just in case, here is one more. I generally use the
7.62 MM NATO Ammo Cases. (Same size box as Older 30 Cal. Boxes).
The one that I have here in front of me with the Hindge on the left and
the fastening lever on the right, Measures 10" wide X 3 1/2" deep X 6 5/8"
high Inside Dimensions. It is WaterProof as all AMMO Cases are supposed
to be. Wet Bullets are not gud. When you release the locking lever and
open the case, open it fully to the left and then pull towards you at the
hindge of the lid, the lid will come right off. To the best of my
knowledge all of them are made that way. Deppending on how badly yours are
rusted will determine the amount of work required to Beautify it.

If you really want it to look like brand new, I suggest that you get ahold
of several of them and take the lids off and carefully remove the rubber
gasket from the lid, then depending on how bad of shappe they are in, you
either have at them with the wire brush on the drill and some emory paper
followed by a coat or two of DERUSTO Brand Spray Paint. I have also used
the Can Version with good success. A good small paint brush and one of
those minature trim rollers will do a wonderful job. Remember two or three

light coats with proper drying time in between is best.

Now for the Lazy hams method. Look in the Yellow Pages for your nearest Body shop/sand blaster. We have one over in Laurel, MD that will do a small job like that reasonable. Ask if they can blast you a few boxes in their spare time between jobs. The idea is to just leave them with them for a week or so to do at their convenience.

I am not sure about your heat Sink part, the Boxes are Steel which means you ain't gonna solder anything to them. On the Other hand, You could probably Bolt a regular Aluminum Heat Sink to the bottom of the case and use Silicone Heat Sink Compound to make a good heat conduction path. The heat sink could be attached with a steel frame welded/brazed to the bottom of the case and the block of Aluminum heat sink held in place with machine screws thru holes tapped in the side of the frame.

OTOH, if you just need a QRP Heat sink a bolt or Nylon Screw thru the box will do the job. In the case of the Nylon threaded bolt and a Tapped Hole in the case, you are water tight again.

If you want to see some beautiful examples of rigs in Ammo Boxes and Test Equipment Cases, Check the QRP-1 web page for the Dayton 38 Special contest.

Where to buy Ammo Boxes? I got mine locally, but I have also seen them at MEI and Fair Radio Sales. Both mail orders.

Mendelson Electronics (MEI) 1-800-344-6324 or <<http://www.meci.com>>
They have Ammo Boxes at \$ 2.99 and \$ 3.99 No. 650-0177 11"(L) x 7 " (H) X 4" (D) and No. 650-0178 12" (L) X 7" (H) X 6" (D) Used, some Rusted.
Catalog # 98

I don't have a current catalog for Fair Radio Sales, I have Fall 1996 Supplement here. FAir Radio SAles Co. 1016 E. Eureka St. P.O. BOX 1105 LIMA, OHIO 45802 (419)227-6573 or 223-2196 Email fairradio@alpha.wcoil.com or <http://alpha.wcoil.com/~fairradio/>
They might have Ammo Boxes, but you should also consider some of the Test Equipment Cases as well since they are usually aluminum and watertight.

Gl es Llet us know how you made out.

72 ES

QRP DX TU (C) 1986, G. Danny Gingell, K3TKS@abs.net "Danny"
Maryland Milliwatt Club QRP Reference Library, (301)572-6789
QRP ARCI Net Manager and Board of Director Member.

Date: Fri, 1 Aug 1997 06:18:31 -0400 (EDT)
From: aa8yo@tir.com (aa8yo)
To: qrp-l@Lehigh.EDU
Subject: [24125] keyers
Message-ID: <199708011018.GAA20141@tir.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Gang,

I will be getting an HW30 from EMTECH soon, if UPS does not strike :-)
This will be my first kit of any kind that I will be putting together. I
will also
want to get an electronic keyer. I think I will get the TiCK from Embedded
Research. Has anyone out here used the TiCK 2 with the memory, and if
so, what is your opinion. Also, I assume there is plenty of room to install
a keyer. Right?

Tnx es 73,

Bob / aa8yo@tir.com
FISTS #3056 QRP-L #1174

Date: Fri, 01 Aug 1997 07:05:44 -0700
From: Bill Jones <kd7s@psnw.com>
To: qrp-l@Lehigh.EDU
Subject: [24126] Re: keyers
Message-ID: <33E1ED38.2C0E@psnw.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bob,

I have used the TiCK-2 extensively and really recommend it. The PC
board is so tiny it will fit anywhere. The TiCK-x would be a great
choice to add to any rig.

Standard disclaimer applies.

>Has anyone out here used the TiCK 2 with the memory, and if
> so, what is your opinion.

Bill Jones - KD7S <><
Sanger, California
kd7s@psnw.com

Date: Fri, 1 Aug 1997 10:15:56 -0400
From: "duane" <duane@flinet.com>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [24127] outlook express 97 & internet explorer 4.02
Message-ID: <199708011418.KAA23354@shell.flinet.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

this may not be qrp related but is a concern expressed by the group.
Ok Guy's for your information, if you use the IE 4.02 browser(the one I use)
it comes with outlook express mail reader. this program is what caused the
attached file I sent earlier and it also formats the text in html format
which causes additional problems for some readers. Don't worry though it
can all be changed in the options menu under the tools settings. just
unselect the stationary and select plain text, then select plain text again
and unselect html format. that will clear up the problem . I had recently
downloaded the IE 4.02 beta version and discovered this problem ref attached
files and html format.

Duane AB4BE QRP-L#710
<http://www.flinet.com/~duane>
<http://www.flinet.com/~duane/ham/ham.html>
duane@flinet.com
ab4be@amsat.org

Date: Fri, 01 Aug 1997 09:28:15 -0500
From: James Parsons <k5rov@worldnet.att.net>
To: aa8yo@tir.com
Cc: qrp-l@Lehigh.EDU
Subject: [24128] Re: keyers
Message-ID: <33E1F27F.23C1@worldnet.att.net>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

aa8yo wrote:

>
> Hi Gang,
>
> I will be getting an HW30 from EMTECH soon, if UPS does not strike :-)
> This will be my first kit of any kind that I will be putting together. I
> will also
> want to get an electronic keyer. I think I will get the TiCK from Embedded
> Research. Has anyone out here used the TiCK 2 with the memory, and if
> so, what is your opinion. Also, I assume there is plenty of room to install
> a keyer. Right?
>
> Tnx es 73,
>
> Bob / aa8yo@tir.com
> FISTS #3056 QRP-L #1174

I think the TICK is G-R-E-A-T. I have one installed in my Heathkit HW-8,
and it works fine. I have a bunch of keyers around here (57 years on
CW), but the TICK is the best for the small equipment. It will fit just
about anyplace.

73

Jim, K5ROV

--

James (Jim), Parsons, K5ROV USAF, Ret.
k5rov@worldnet.att.net QCWA, NWQRP, Fists, ARRL
EX: W1RLA, K5FBB, K4FEO, SVOWN (CRETE), SVOWN (RHODES),
DL4NC, DL4JP, KA2FC (JAPAN), KA2JP (JAPAN).
JOHN 3:16

Date: Fri, 1 Aug 1997 09:32:57 -0500
From: Brian Cieslak <brianc@ams-i.com>
To: "'QRP-L'" <qrp-l@Lehigh.EDU>
Subject: [24129] RE:K3ETS <SK>
Message-ID: <c=US%a=_%p=Adaptive_Micro_S%l=AMS-I_SERVER_-970801143257Z-1562@ams-i-server-1.ams-i.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Content-Transfer-Encoding: 7bit

Farewell OM
72

k3ets de ae9k sk

Date: Fri, 1 Aug 1997 08:46:37 -0500
From: tahrens1@juno.com (Timothy H Ahrens)
To: n4so@juno.com
Cc: qrp-l@Lehigh.EDU
Subject: [24130] Re: QST copies/QST Search
Message-ID: <19970801.095142.8958.4.tahrens1@juno.com>

Thanks to everyone who sent me information on how to look up a specific article, and then those who were nice enough to offer to copy/fax/e-mail me a copy!

This is really a GREAT group!

Thanks again to all

Tim W5FN

Date: 01 Aug 1997 08:58:29 GMT
From: mark.milburn@commonlink.com (Mark Milburn)
To: qrp-l@Lehigh.EDU
Subject: [24131] computer files
Message-ID: <219742174.122764@commonlink.com>

Boy, I've got a problem. Somebody sent me a magazine as an attachment to an e-mail. The file was named qrp-p journal, so when I downloaded it, it ended up on my hard drive as qrp-p jo, having been reduced to the eight space name limit.

Now I can't access the file because of the space in the name. Can't read it, can't delete it, can't rename it....looks like the file will be on there until the computer gets thrown away.

Anybody with some computer smarts able to tell me how to access this file so I can do something with it?

Many thanks.

72 Mark KQ0I

Date: Fri, 01 Aug 97 17:51:56 PDT
From: "Trip N. Daniel" <trip@medanet.ro>
To: jsulliv@vt.edu, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [24132] Re: FS: TAC-1
Message-ID: <MAPI.Id.0016.00726970202020203030303430303034@MAPI.to.RFC822>
MIME-Version: 1.0
Content-Type: text/plain; charset="ISO-8859-1"; X-MAPIextension=".TXT"
Content-Transfer-Encoding: 7bit

Hi Jay,
Please send som information about rig.
Best regards,
Dani
Y050DT
trip@medanet.ro

> For sale:
>
> S & S Engineering TAC-1, 40 meter qrp transceiver and manual, CW only,
RIT,
> audio filter, digital frequency display, factory built and aligned, 4-5
> watts out from gel cell and 7 watts out from 13.8 volts in, includes
> optional keyer,
> asking \$200 including shipping in continental US
>
> The blemishes: The radio was always stored in a Pelican case and
travelled
> very little. However, there are some places on the vinyl-clad aluminum
> case where it appears that the something rubbed up against it. The vinyl
> appears unworn, but this dark-bluish color is rubbed onto it. This in no
> way affects its functionality, but it is not perfect cosmetically.
> Otherwise excellent condition.
>
> This is an excellent radio, as is the support from S&S. I am only selling
> it to raise cash for a family computer (and I already have a Ten-Tec Scout

> and recently built an SST). In its only outing out of the house it made
> approx 60 contacts during QRP to the Field '97 from the top of John's
Creek
> Mountain in SW Virginia (2 ops), despite losing two arrows and nearly a
> jacket in the trees trying to get the dipole up (hey, at least we didn't
> throw an antenna tuner). Also despite the deer carcasses that we
> discovered nearby and made themselves known around noon when the heat
> encouraged a strong aroma (somebody's favorite hunting spot, I guess).
>
> Please respond by e-mail only, as we have two new babies in the house.
>
> Jay Sullivan, KC4WXB
> jsulliv@vt.edu
>
>
>

Date: Fri, 01 Aug 1997 11:10:51 -0400
From: "Robert W. Shaw" <lycott@fox.nstn.ca>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [24133] Noise reduction w/ LM386
Message-ID: <3.0.1.32.199708011111051.0081a210@fox.nstn.ca>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I saw an hint on the www a couple of weeks ago that I noted, then lost.
Now I can't find it again through AltaVista. I'm hoping someone else knows
where I saw it, or perhaps can pass the info on to me.

It concerned reducing the background hiss from an LM386 as I recall using
feedback from the output pin through a series resistor and capacitor to an
input (a - input I would presume).

Does this ring any bells?

Thanks for any leads.

de Bob VE3SUY

Date: Fri, 1 Aug 1997 11:18:39 -0400
From: rerobins@unccvm.uncc.edu (Rick Robinson)
To: qrp-l@Lehigh.EDU
Subject: [24134] HWA-9 WARC band kits
Message-ID: <v02130506b007751f55be@[152.15.144.13]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I came across this info while surfing for other stuff and thought I'd post this to the list for anyone who needs to add the WARC bands to an HW-9.

They can provide the original Heath package for \$40 plus s/h.

<http://www.softhouse.com/users/uptown/multi-volti/hwa9.htm>

or email:

multi-volti@softhouse.com

or traditional means:

349 Lane Ave Holland
MI 49423 USA
616-396-5194 (6-9 PM Eastern time US)

I know absolutely nothing about these folks so Caveat Emptor, as W2NSD is fond of saying.

72,

Rick kf4ar

Date: Fri, 1 Aug 1997 09:37:02 -0600 (CST)
From: "Brian.Buydens@usask.ca" <buydens@duke.usask.ca>
To: Mark Milburn <mark.milburn@commonlink.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [24135] Re: computer files
Message-ID: <Pine.OSF.3.95.970801093227.18393A-1000000@duke.usask.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Here are some possibilities in DOS:

Try putting the file name in quotes:
I.e.

```
del "qrp-p jo"
```

If this doesn't work try the following (BUT BE VERY CAREFUL):

```
del /p qrp*.*
```

Note: With the second command you are asking to delete all the files starting with "qrp". The /p switch forces it to ask for confirmation. You may have other files matching the pattern match and you would say "N" for their deletion and "Y" for the file you want gone.

Brian

On 1 Aug 1997, Mark Milburn wrote:

```
> Boy, I've got a problem.  Somebody sent me a magazine as an attachment to
> an e-mail.  The file was named qrp-p journal, so when I downloaded it, it
> ended up on my hard drive as qrp-p jo, having been reduced to the eight
> space name limit.
>
> Now I can't access the file because of the space in the name.  Can't read it,
> can't delete it, can't rename it....looks like the file will be on there
> until the computer gets thrown away.
>
> Anybody with some computer smarts able to tell me how to access this file so
> I can do something with it?
>
> Many thanks.
>
> 72  Mark  KQ0I
>
>
>
>
```

```
+-----+
| Brian Buydens,           Computing Services, University of Saskatchewan |
| email: Brian.Buydens@usask.ca      http://duke.usask.ca/~buydens |
| VE5RDV                                |
|                                     |
| DO NOT ADD ME TO ANY MAILING LISTS WITHOUT MY CONSENT !!!          |
+-----+
| And it's Ho, boys, can't you code it, and program it right         |
| Nothing ever happens in the life of mine                            |
```

```
| I'm hauling up the data on the Xerox line
|
|      Nigel Russell (Stan Rogers Band) - "White Collar Holler"
+-----
```

Date: Fri, 1 Aug 1997 09:44:20 -0600 (MDT)
From: "Thomas J. Whalen" <whalen@swcp.com>
To: Captain Dick <captaindick@acmenet.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [24136] Re: QRP-L digest 804
Message-ID: <Pine.SUN.3.91.970801094048.16258B-100000@kitsune.swcp.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Capt. Dick, and QRPers! The mike that goes with the Argo series is an Electro-Voice model 729sr. Nice heavy duty, slim mike with a detachable base. I forget what they sold for but I have one for my Argo. I also took an old CB mike and wired it to the Argo for mobile use. Works great! Sorry, I can't part with my EV mike though!! 72, Tom

Date: Fri, 1 Aug 1997 11:05:41 -0500 (CDT)
From: Jack Bryant <Jack.Bryant@math.tamu.edu>
To: qrp-1@Lehigh.EDU
Subject: [24137] Yet another off center fed wire antenna.
Message-ID: <199708011605.LAA08623@fourier.math.tamu.edu>

Gang,

Here's an oddball antenna that has good gain on 20, 15, and 10, is fine on 40, and has good low angle radiation on 80. Here is one version I built:

```

      4.3 m      20.7 m
o-----+ +-----o end insulator
      | |
      +---+
          | | 4:1 air transmission line transformer
      +---+
          | |
          | | 300 ohm twinlead, any length
          | |

```

```

+----+
|      | 4:1 current balun
+----+
|||
||| 50 or 75 ohm coax, short (but not terribly critical how short)
|||

```

Feed: 40-10 with unbalanced tuner. On 80, feed both in parallel through a variable cap (~800 pf) against as good a ground as you can get (prefer elevated counterpoise).

... ..

Here is another for 20-10 only. I built it before the one above.

```

      o
      \
      \ 4.3 m 135 deg angles (2)
      /
/ 90 deg + +-----o end insulator
\         /
//        / 20.7 m
//        / 3.6 m 300 ohm twinlead 'Q' matching section
//        /
||
||
|| 75 ohm hardline, taped to support, to tuner (any length)
gnd -> ||
side  ||
      ||

```

Actually, it works ok on 30 and 40. Losses are low there because the hardline is so good. SWR is low on 20-10. This version has considerable lightning protection built in, especially if the support is metal.

... ..

Comments: Offcenter feed does not cause much sag in the center.
 All wires are #14 insulated stranded; the first version has no joints to solder except within the transformers.
 Inspiration by NEC-2.

-72, Jack W5TFB

Oh: the connection... I used the second version in the bb test.

Date: Fri, 1 Aug 1997 07:33:51 -0400
From: Jim_Cadorett@3com.com
To: QRP-L@Lehigh.EDU
Subject: [24138] SST MODS
Message-ID: <082564E6.005F365D.00@hqoutbound.ops.3com.com>
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii

Does anyone have a complete list of MODS for the SST transceiver they would like to share?

Date: Fri, 01 Aug 1997 09:43:22 -0700
From: Ed Loranger <we6w@qsl.net>
To: mark.milburn@commonlink.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [24139] Re: computer files
Message-ID: <33E2122A.487@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Mark. If you don't have wilddcarding then use a technique to ensure a space is in the name. You can use the 'any char' feature of sometimes there is a defined escape character that allows you to have spaces in the file name.

Just a suggestion. I use UNIX so maybe someone else knows better.
-Ed

--
72/73 de we6w qrp es cw ONLY (From non-ham to extra in one day!)
HW-8;OHR-100, Pixie2, Johnson Viking II w/VFO.

QRP-L#1068/Norcal#2227/ARS#275/ARCI#9397 grid CM88ok
mailto:we6w@qsl.net <http://www.qsl.net/we6w>

Date: Fri, 01 Aug 1997 09:54:48 -0700
From: Ed Loranger <we6w@qsl.net>
To: Jim_Cadorett@3com.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [24140] Re: SST MODS
Message-ID: <33E214D8.5C1A@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I have about 14 emails I've collected regarding
mods and measurements to the sst. Maybe someday
I'll own one.

I'd be more than happy to share these via email attachments.
-Ed Loranger
--

72/73 de we6w qrp es cw ONLY (From non-ham to extra in one day!)
HW-8;OHR-100, Pixie2, Johnson Viking II w/VFO.
QRP-L#1068/Norcal#2227/ARS#275/ARCI#9397 grid CM88ok
mailto:we6w@qsl.net <http://www.qsl.net/we6w>

Date: Fri, 01 Aug 1997 12:56:18 -0400
From: Randy Hargenrader <randyh@harksystems.com>
To: lycott@fox.nstn.ca
Cc: qrp-l@Lehigh.EDU
Subject: [24141] Re: Noise reduction w/ LM386
Message-ID: <33E21532.2279@harksystems.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Bob,
There are a couple of ways to reduce the high freq hiss
from the LM386.
One is to use a small inductor (2.2mH) in series with the output
device (spkr or headphones).
Another is to play with the feedback circuit by using a "T"
circuit as the feedback circuit.(two resistors and a cap)

You can also peak the audio response by putting an inductor and capacitor in series to ground from pin 1.

Some circuits I've seen roll off the output with R/C networks. I have component values for the inductor/cap to pin 1 if you're interested.

--

73, (Sir)Randy WJ4P

Knightlites QRP-L #296 ARCI #9152 1996 40-9er High Scorer

Date: Fri, 1 Aug 1997 10:00:22 -0700 (PDT)
From: Kory Hamzeh <kory@avatar.com>
To: Ed Loranger <we6w@qsl.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [24142] Re: SST MODS
Message-ID: <Pine.BSI.3.91.970801095901.7858A-100000@avatar.avatar.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 1 Aug 1997, Ed Loranger wrote:

> I have about 14 emails I've collected regarding
> mods and measurements to the sst. Maybe someday
> I'll own one.
>
> I'd be more than happy to share these via email attachments.
> -Ed Loranger

I think all of the SST's are gone! When I talked to Bob at Wilderness Radio, there was two left, and I ordered a 20M one. Bob wasn't sure if he was going to kit any more or not.

Kory
AC6RN

Date: Fri, 01 Aug 1997 13:03:27 EDT
From: kd4kzq@juno.com (Jim A Norsworthy)
To: qrp-l@Lehigh.EDU
Subject: [24143] Juno Crash
Message-ID: <19970801.120035.7919.1.kd4kzq@juno.com>

Hi Gang,

Tnx for all the encouragement and kinds words abt my up comming test and previous up-grade. Juno went crazy yesterday afternoon and I had to put it out of it's misery. I had some mail in there when it happened so that mail is dead also, but the good news(I hope) is that it's all re-installed and will work better. SRI for any inconvienece that this may cause anyone that may have sent me mail but please send it agn so I can read it. Agn I'm very SRI.

Tnx,
72 de KD4KZQ ,, Jim

Date: Fri, 01 Aug 1997 09:35:51 -0700
From: laura halliday <ve7ldh@direct.ca>
To: qrp-l@Lehigh.EDU
Subject: [24144] Be specific!
Message-ID: <33E21067.76944A66@direct.ca>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Laura putting on her tech support hat...

<rant>

If you're going to post to QRP-L looking for help with your computer or service provider, could people please fill in relevant information - like what kind of computer you're using? Which OS? Etc.? It's hard to answer questions without knowing the subject at hand, and I'm not a very good mind reader. I've never met anybody who is, except in certain, ah, situations... ;-)

I use 7 different operating systems on a more-or-less regular basis, and while some resemble each other, others are wildly different.

Thank you.
</rant>

Speaking of low power communications, my copy of Digital Modulation and Coding by Stephen Wilson just arrived (*really* just arrived - the Canada Post guy just knocked on my door).

This is the sort of stuff that NASA & Co. use to communicate with
spaceprobes many millions of kilometers away with very little
power.

--

Laura Halliday "C'est une femme mutine, assez elegante,
ve7ldh@direct.ca grave et legere, ayant le sens
Grid: CN89mg du confort et du plaisir en tout."
 - C. Deneuve

Date: Fri, 1 Aug 1997 13:13:54 -0400 (EDT)
From: Chris Cartwright <ccart@dns.vidtel.com>
To: QRP Reflector <qrp-l@Lehigh.EDU>
Subject: [24145] Re: SST MODS
Message-ID: <Pine.LNX.3.93.970801131041.480E-100000@dns.vidtel.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 1 Aug 1997, Kory Hamzeh wrote:

> I think all of the SST's are gone! When I talked to Bob at Wilderness
> Radio, there was two left, and I ordered a 20M one. Bob wasn't sure if he
> was going to kit any more or not.

EEK! I still need one for 40M, so the 20 and 30 don't get lonely :) When
I talked to Bob back in May he said there were about 150 kitted up, did he
ever go beyond that? I know there was the "field trail" of about 100
before they went "public", anyone know how many SST's there really are?
Bob... Wayne... ???

-- Chris Cartwright, Technical Engineer | ccart@vidtel.com --
-- N3XRV QRP WAS 17/9 (w/c) | ccart@erols.com --
-- QRP-L #655 NORCAL #1891 QRP-ARCI #????? | http://dns.vidtel.com/~ccart --
-- WIMPS Q's=04 30M=04 17M=00 12M=00 STATES=03/00/00 DX=00/00/00 QSL's=00 --

Date: Fri, 1 Aug 1997 11:18:32 -0600
From: ji3m@maxwell.com (James R. Duffey)
To: qrp-l@Lehigh.EDU
Subject: [24146] Better Late Than Never- Ft. Tuthill Reprise
Message-ID: <v02130501b007c563d72b@[192.31.66.229]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I got home from Ft. Tuthill Sunday night and left for Monterrey CA on Monday morning. I just got back last night so this posting is a bit late. Anyway I had a great time and am ready for another. Congrats to the SQRPs for putting on a first class event.

Paul, NA5N, my wife and I drove over to Ft. Tuthill on Friday evening arriving Friday about supper time. We camped in the group campground and had a nice meal. I made Paul my apple pie cooked over the camp fire. I think I have a camping partner for next year. We spent the evening swapping stories in front of Roger's tent camper. Chuck managed to make it out from his motel pleasure palace and it was enjoyable to meet him and listen to his stories. Paul and I had pretty much saturated each other with our stories on the way over:-). It was nice to meet everyone and put a face and name to a call.

The talks on Saturday were excellent and well attended. Jim Cates and Doug Hendricks put on a nice show and tell. Jim showed many rigs I had only heard of; including the early Ten Tec boards. Doug showed a neat third hand tool and a vacuum Tee dipole center insulator. Chuck talked about QRP-L and the fox hunt. Paul Harden, NA5N gave a nice talk on measuring your rig with an oscilloscope and signal generator. Then a break for lunch and N7IR gave a good talk on QRP contesting and DXing. Much of the audience participated and I got a lot of new hints and tips for the upcoming contest season. I need to beat Tim this year in SS.

My talk was next and I was a bit concerned about following the "big names" with a more technical talk. I worried that half the audience would walk out when I started and the other half when I showed my first equation. I had no need to worry, everybody stayed and participated by asking questions and making comments. Many even laughed at my attempts at humor. There is nothing worse than facing a crowd of blank faces when you speak. You don't need to worry about that with this bunch, you'll get lots of feedback. By the way, if you need to arouse a QRP audience just bring up the topic of AGC.

Cecil gave an excellent talk on the Smith chart and matching antennas with feedlines. He answered about half the questions that periodically appear on QRP-L.

The QRP bunch is very technically oriented. The level of questions and interest was quite high. I hope Roger will have me back next year for another talk.

Now that my summer is winding down I hope to get on the air more. -Duffey
KK6MC/5

James R. Duffey
Principal Scientist

(505) 764-3143
(505) 843-7995 (FAX)

Maxwell Technologies Incorporated/Albuquerque Division
Suite 300
2501 Yale Blvd SE
Albuquerque, NM 87106

Date: Fri, 1 Aug 1997 13:26:06 -0400 (EDT)
From: Chris Cartwright <ccart@dns.vidtel.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [24147] Re: SST MODS
Message-ID: <Pine.LNX.3.93.970801132512.480G-100000@dns.vidtel.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 1 Aug 1997, Chris Cartwright wrote:

> ever go beyond that? I know there was the "field trail" of about 100

Make that "field trial" :)

-- Chris Cartwright, Technical Engineer | ccart@vidtel.com --
-- N3XRV QRP WAS 17/9 (w/c) | ccart@erols.com --
-- QRP-L #655 NORCAL #1891 QRP-ARCI #???? | http://dns.vidtel.com/~ccart --
-- WIMPS Q's=04 30M=04 17M=00 12M=00 STATES=03/00/00 DX=00/00/00 QSL's=00 --

Date: Fri, 01 Aug 1997 10:22:07 -0700
From: Ed Loranger <we6w@qsl.net>
To: Kory Hamzeh <kory@avatar.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [24148] Re: SST MODS
Message-ID: <33E21B3F.588E@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I was thinking more along the lines of
winning one some day! Hi!

-Ed Loranger

--

72/73 de we6w qrp es cw ONLY (From non-ham to extra in one day!)
HW-8;OHR-100, Pixie2, Johnson Viking II w/VFO.
QRP-L#1068/Norcal#2227/ARS#275/ARCI#9397 grid CM88ok
mailto:we6w@qsl.net <http://www.qsl.net/we6w>

Date: Fri, 01 Aug 1997 10:27:34 -0700
From: Ed Loranger <we6w@qsl.net>
To: ccart@dns.vidtel.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [24149] Find the Missing SST contest (Inspiration)
Message-ID: <33E21C86.5797@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Oh boy! With tongue in cheek: We fit a beacon
into some 'uncounted' sst's and everyone who
knows the codephrase or number gets their
email address put in the hat!

What an excuse to build another directive antenna!

-Ed

--

72/73 de we6w qrp es cw ONLY (From non-ham to extra in one day!)
HW-8;OHR-100, Pixie2, Johnson Viking II w/VFO.
QRP-L#1068/Norcal#2227/ARS#275/ARCI#9397 grid CM88ok
mailto:we6w@qsl.net <http://www.qsl.net/we6w>

Date: Fri, 1 Aug 1997 10:00:07 -0700
From: rob3ert@juno.com (Robert G. Parks)
To: lycott@fox.nstn.ca
Cc: qrp-l@Lehigh.EDU
Subject: [24150] Re: Noise reduction w/ LM386
Message-ID: <19970801.102415.3662.3.rob3ert@juno.com>

Bob,

Please post the location of this "fix" when you get it, as I am

interested, and I assume others are, also.

Thanks.

72/73

Bob Parks
K6AEC (Las Vegas)

On Fri, 01 Aug 1997 11:10:51 -0400 "Robert W. Shaw" <lycott@fox.nstn.ca>
writes:

>I saw an hint on the www a couple of weeks ago that I noted, then
>lost.
>Now I can't find it again through AltaVista. I'm hoping someone else
>knows
>where I saw it, or perhaps can pass the info on to me.
>
>It concerned reducing the background hiss from an LM386 as I recall
>using
>feedback from the output pin through a series resistor and capacitor
>to an
>input (a - input I would presume).
>
>Does this ring any bells?
>
>Thanks for any leads.
>
>de Bob VE3SUY
>
>
>

Date: Fri, 1 Aug 1997 13:29:07 -0700
From: claudewb9euu@juno.com (CLAUDE PALUSKI)
To: qrp-1@Lehigh.EDU
Subject: [24151] re:computer files
Message-ID: <19970801.132909.2702.0.CLAUDEWB9EUU@juno.com>

Mark KQ0I
, and other members of the group who may be interested.

If memory serves me correctly, ran into this problem some time ago.

After about two hours of trying, and head scratching,(maybe one reason

for my baldness), decided to try something different,

Went ahead and RENAMED the file, and it worked like a charm. No
guarantees,
but that seemed to work for me.

Much luck and 72, 73 (pick a number)

claudewb9euu@juno.com

Date: Fri, 1 Aug 1997 10:50:00 -0500
From: Dan Tayloe-P26412 <Dan_Tayloe-P26412@email.mot.com>
To: qrp-l@Lehigh.EDU
Subject: [24152] FW5IW - France?
Message-ID: <M1201525.009.8xop8.1.970801175318Z.CC-MAIL*/OU=SATCG/OU=AZBH/
PRMD=MOT/ADMD=MOT/C=US/@MHS>

Last night I worked FW5IW on 14.030 (or abouts) at about 300 UTC
running 2.5w into my 500ft loop which is currently partially down.

The guy was working one station after another contest style. Is this
some DXpedition? Is FW5 some French possession rather than France
itself?

Thanks much!

- Dan Tayloe, N7VE, Az ScQRPions, QRPL # 696

Date: Thu, 31 Jul 1997 23:17:38 +0100
From: "Frank, G3YCC." <g3ycc@gqrpclub.demon.co.uk>
To: gqrp-l@blacksheep.org, qrp-l@Lehigh.EDU
Subject: [24153] Fishing poles
Message-ID: <h2bclLAC8Q4zEwz4@gqrpclub.demon.co.uk>
MIME-Version: 1.0

With all this interest in the use of roach poles, I was reading today in
HRT (Ham Radio Today - a UK mag), that 19m poles are on sale. Just think
what a super support for that /p antenna! The catch is the price - ten
thousand five hundred pounds (20,000 US +)!

Think I'll pass on that one.

Frank, G3YCC GQRP Club 042

Packet: G3YCC@GB7HUL
QRP Web Page: <http://www.gqrpclub.demon.co.uk>

Date: Fri, 01 Aug 1997 11:58:17 -0700
From: Ed Loranger <we6w@qsl.net>
To: Dan_Taylor-P26412@email.mot.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [24154] Re: FW5IW - France?
Message-ID: <33E231C9.1F0F@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I was trying to get the 50/40/30 op last night
(No Joy) and heard an operator on 7040 running
test 'IOTA'. Maybe that was it.

-Ed Loranger

--
72/73 de we6w qrp es cw ONLY (From non-ham to extra in one day!)
HW-8;OHR-100, Pixie2, Johnson Viking II w/VFO.
QRP-L#1068/Norcal#2227/ARS#275/ARCI#9397 grid CM88ok
<mailto:we6w@qsl.net> <http://www.qsl.net/we6w>

Date: Fri, 1 Aug 1997 15:05:34 -0400 (EDT)
From: Chris Cartwright <ccart@dns.vidtel.com>
To: QRP Reflector <qrp-l@Lehigh.EDU>
Subject: [24155] Re: keyers
Message-ID: <Pine.LNX.3.93.970801150251.1062A-100000@dns.vidtel.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 1 Aug 1997, James Parsons wrote:

> aa8yo wrote:
> > so, what is your opinion. Also, I assume there is plenty of room to install
> > a keyer. Right?
>
> I think the TICK is G-R-E-A-T. I have one installed in my Heathkit HW-8,
> and it works fine. I have a bunch of keyers around here (57 years on

Let's not forget the Island keyer, I like 'em so much I have some still in

the box from Dayton. Gotta get me a "round tuit" one of these days, sure hope doesn't come in a kit though:)

<http://www.mtechnologies.com/mthome/jackson.htm>

```
-- Chris Cartwright,   Technical Engineer |      ccart@vidtel.com      --
-- N3XRV               QRP WAS 17/9 (w/c) |      ccart@erols.com      --
-- QRP-L #655 NORCAL #1891 QRP-ARCI #???? | http://dns.vidtel.com/~ccart --
-- WIMPS Q's=04 30M=04 17M=00 12M=00 STATES=03/00/00 DX=00/00/00 QSL's=00 --
```

Date: Fri, 1 Aug 97 14:59:11 -0400
From: CBAILEY@PAMDT.ANG.AF.MIL
To: qrp-l@Lehigh.EDU
Subject: [24156] Railroad Tracks?
Message-ID: <heH8+z5XsnB@PAMDT.ANG.AF.MIL>

For you rail road experts,
(I have a few friends who work for Conrail
so I will ask them too.)

I have access to a site for portable operations.
There is a local line rail service running along side of it.
My question is could the tracks be used safely for a ground?
Is there RF on the rails?
What voltages may exist?
I'm thinking of a clip underneath the track.

My next antenna may be a steel bridge.
Anyone load one up?

kt3a
kt3a@juno.com

Date: Fri, 1 Aug 1997 12:21:30 -0700 (MST)
From: Chris Trask <ctrask@primenet.com>
To: CBAILEY@PAMDT.ANG.AF.MIL
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [24157] Re: Railroad Tracks?
Message-ID: <Pine.BSI.3.96.970801121758.7079B-100000@usr02.primenet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 1 Aug 1997 CBAILEY@PAMDT.ANG.AF.MIL wrote:

> For you rail road experts,
>
> There is a local line rail service running along side of it.
> My question is could the tracks be used safely for a ground?
> Is there RF on the rails?
> What voltages may exist?
> I'm thinking of a clip underneath the track.
>

I read an article on one of the newsgroups not too long ago about a fellow who was picking up a small AM station in the northern reaches of the Great Basin. He determined that the railroad tracks were acting as an antenna, distributing the induced signal southward to where he was, which was southern Nevada or Utah. Not entirely out of the question, but bizarre nevertheless.

Regards,

Chris

```

      /-----\
     / If you understand it, \
    /  then it's obsolete!   \
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```

Circuit Design for the
RF Impaired

Chris Trask / N7ZWY
Principal Engineer
ATG Design Services
P.O. Box 25240
Tempe, Arizona 85285-5240

Technical Editor,
QRP Quarterly
QRP ARCI 9464

Email: ctrask@primenet.com

Graphics by Loek Frederiks

Date: Fri, 01 Aug 1997 12:24:55 -0700
From: Roger Hightower <n7kt@dancris.com>
To: qrp-l@Lehigh.EDU

Subject: [24158] QSL Card
Message-ID: <33E23807.753D@dancris.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I remembered a thread of a few days ago about qsl'ing via the buro or direct. I received a qsl card today from OK1RI (Czech Republic) for a qso on 30 March 1991...over 6 years ago! This was a direct mail qsl.

Last week I got one from HL1IXP (Korea) that was for a Jan '92 qso.... only 5 years late. Also direct mail.

Just send 'em out and wait...sooner or later they will show up.

--

72/73 de Roger N7KT n7kt@dancris.com Mesa, AZ Grid DM43cj
NorCal 1099 CoQRP 176 QRP-L 62 G-QRP 9081 ARCI 8946 NE-QRP 383
AK-QRP 167

Date: 1 Aug 1997 14:25:48 -0500
From: "rohre" <rohre@arlut.utexas.edu>
To: qrp-l@Lehigh.EDU
Subject: [24159] FW: AUSTIN SUMMERFEST '97 Ham convention
Message-ID: <n1341676903.48140@msmailgw1.arlut.utexas.edu>

One more reminder, it starts this evening!! AND,
There will be a give away, which hopefully will be items of great help to QRP'ers. There will be handouts to help the new and not so new QRP'er.

We will draw tickets as done last year, (no admission), just put your name down and see what you can take home.
Got to go wrap up the packages! :-)

Maybe Chuck will also have some books to sell??
72, Stuart

To: qrp-l@lehigh.edu
From: rohre on Wed, Jul 30, 1997 8:08 PM
Subject: AUSTIN SUMMERFEST '97 Ham convention

Hi all,
With all due respect to Doug, the NEXT QRP FORUM is this WEEKEND!
Aug. 1, 2, 3.
Austin Omni South Hotel, I- H 35 and Ben White Blvd.(Hwy. 71. (Formerly the Wyndam Southpark, where it has been for several years.)

Flea market inside opens this Fri. evening for two hours, then all Sat. and free spaces on Sun. to noon!

QRP Fri. supper gathering meets by the registration tables to go to eat at 8PM.

We will gather at Catfish Parlor on Ben White.

QRP Fourm is 3:30 PM to 5 PM SAT. afternoon in the Amphitheater, right off the lobby.

This is the ARRL South Texas Section Convention, and the summer meeting of the Texas VHF-FM Society

Sat. evening is the special Fajita and music event at DANCE ACROSS TEXAS.

QRP FORUM TOPICS

We have Ed Manual, N5EM: "Briefcase Satellite station for 10M and 15M."

Chuck Adams, K5FO: "Foxhunting, Secrets and Tails/Tales Not Heard Elsewhere! (HF Fox hunting,QRP)

Tony Lyon, "ARK20 and 40, A&A, etc., Transceivers-commercial kits"

Gary Sehne, "40-Niners, NN1G Picnic Basket rig - Individual Identity Radios"

Glen Reid has been asked to speak on "Central TX QRP Club-ham reinvention"

Also, "How to REALLY get Started on your Transceiver Kit" by Stuart Rohre, K5KVH

Ed from Houston and Chuck from Dallas will be our guest speakers of note, Chuck founded the QRP-L Internet group, and of course Ed's feats range from Dayton speaker to those too numerous to mention! :-) Rest of us are home folks from the Austin area.

Hope many can make it down for this. Aquafest in Austin is in full swing for family fun, too!

72,

Stuart K5KVH

Date: Fri, 01 Aug 1997 12:25:40 -0700
From: Ed Loranger <we6w@qsl.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [24160] 1000 Miles/watt awards
Message-ID: <33E23833.37E8@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

A few weeks ago I successfully QSO'd with Jim, W7LS
my pixie2 to his QRO rig. I didn't know my exact
output power and was conservative at 250 mW.

Last night, I connected the same ni-cad battery up to
the Pixie that I used that night and decided to make
an accurate measurement of the output power.

Attached 50 Ohm FEED-THRU shunt commonly used for Tracking
generators. Then a commercial 8714A xtal detector.
Finally, and not necessary I discovered, a 820 pF capacitor
across the xtal output. Using my DVM I measured the
output voltage during Receive and Transmit:

Pixie2 with 50 Ohm FeedThru shunt and xtal detector
Receive Voltage -----> .046 Volts
Transmit Voltage -----> .865 Volts

$P = E^2 / R$
 $P = (.046)^2 / 50 = 42.3 \text{ uW}$ During Receive
 $P = (.865)^2 / 50 = 14.96 \text{ mW}$ During Transmit

Since $E = \sqrt{P \cdot R}$ and
IF $E = \sqrt{.25 \cdot 50}$ Then I should read 3.536 Volts for
250 mW output. But I don't.

Am I doing something wrong? Or did I go the
637 Miles with 15 milliwatts.
(QRZ:W7LS to 95401 zipcode=637 Miles)

That's 42,466.67 miles Per Watt!

My Kids want me to send away for paper on this so
any information on where/how I apply for an award?

Tks/Ed

--

72/73 de we6w qrp es cw ONLY (From non-ham to extra in one day!)
HW-8;OHR-100, Pixie2, Johnson Viking II w/VFO.
QRP-L#1068/Norcal#2227/ARS#275/ARCI#9397 grid CM88ok
mailto:we6w@qsl.net <http://www.qsl.net/we6w>

Date: Fri, 01 Aug 1997 13:02:15 -0700
From: Neil Heckt <neil@aade.com>
To: qrp-l@Lehigh.EDU
Subject: [24161] Quick and easy panels update
Message-ID: <33E240C7.3CD2@aade.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I've posted an update for my
"quick and easy front panels" application
note on my web page <http://www.aade.com/sexypnl.html>

This clarifys a couple of things people asked about
and adds instructions on how to remove the panel
in case you screw up or change your mind.

--

Neil
Homebrew Heaven at <http://www.aade.com>
Home of L/C Meter IIB and Digital Frequency Display
Links to sites of interest to Engineers, Amateurs and hobbyists
interested in Circuit Design and construction.
Almost All Digital Electronics
1412 Elm St. SE
Auburn, WA 98092
253-351-9316

Date: Fri, 1 Aug 1997 16:12:29 -0400 (EDT)
From: Stephan Greene <sgreene@washsq.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [24162] QRP for sale - HW9, PM-2B, Drake B-line
Message-ID: <Pine.LNX.3.95.970801160605.16695D-100000@europa.washsq.com>

MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
Content-Transfer-Encoding: QUOTED-PRINTABLE

I also posted this to rec.radio.swap via DejaNews

FS: Drake B-line: R4B/T4XB/AC4/MS4/Shure Mic, HW9/WARC, Ten-Tec PM2

1) Selling complete Drake "B-line" station in full working order:

R4B=20

- Band crystals for 80, 40, 30, 20, 15, 12, all of 10M, and 27MHz (came that way), can add 160M and remaining WARC with suitable crystals.
- IF filtering 4kHz down to 500 Hz or less; plus notch filter
- SSB, CW, AM reception
- ALL connecting cables to T4XB, MS4
- Works on all bands
- original Drake owners manual

T4XB

- Band crystals for 80, 40, 20, 15, 10 (28.5) MHz plus R4B-controlled coverage on other bands. (e.g. transceive or "split" operation)
- Runs at full rated power (nom. 350W) on all bands
- (OBQRP) also runs great at 5W and you can warm your hands on cold winter nights!
- (OBQRP #2) - guaranteed last place power/weight in Spartan Sprints
- SSB (PTT/VOX), CW (semi-break-in), AM, RTTY
- original Drake owners manual

AC4

- original Drake owners manual

MS4 speaker enclosure (holds AC4)

Shure 444 microphone wired for T4XB

Extra tubes

Radios are in very good condition, work fine on all bands. Purchase of new rig (OB QRP#3 - and desire to buy an all-mode TNC so I can do QRP data modes) forces sale.=20

Asking \$350 plus shipping

2) HW9 with WARC kit and matching Heath AC power supply

I bought this kit in 1987 and have never quite finished it. I'm up to the alignment and troubleshooting stage. WARC bands kit installed. All Heath parts, instruction manual, original packing. No mods. AC-12V supply assembled and works. I'm never going to finish this; it should go to someone who wants to finsih and use it! Get a nice QRP rig and piece of ham radio history.

Asking \$150 plus shipping

3) Ten Tec PM-2B

This is one of Ten Tec's first QRP rigs. I bought it new as a Novice in 1972. Direct conversion, covers 80, 40 M, rated at 2W out. I added a 20M transverter board Ten Tec used to have. Case has been modified for S0239 antenna, =BC-in key and headphone jacks (replacing original RCA phono), sma=11

hole in front panel for a power-on LED and for an RIT that didn't work and was removed. Rig is currently inop, I suspect a blown final transistor. Cabinet is in fair condition. Original Ten Tec box, owners manual and schematic. A piece of QRP history!

Asking \$50 plus shipping

Terms:

Money order, cashiers check, or CASH UPS COD. Insured shipping from Northern Virginia by means requested by buyer will be added to the purchase price. I will deliver the Drake twins or all 3 radios within approx. 100 mile radius of Northern Virginia (Dulles Airport).

Inquiries to :

Steve Greene, KA1LM
ka1lm@amsat.org

Date: Fri, 1 Aug 1997 16:12:27 -0400 (EDT)
From: MSU1972@aol.com
To: qrp-1@Lehigh.EDU
Subject: [24163] 38S help!
Message-ID: <970801161224_508440893@emout11.mail.aol.com>

After using the 38S for weeks without a problem...one has occurred and I need help from qrp friends!

After using the 38S for a few minutes the power will drop off (at least in half or more) while keying. This happens so often during the qso it is not usable until I find a fix...any suggestions?????

The only modification is the Gipes 5 watt mod --

David, KB80CC

Date: Fri, 1 Aug 1997 14:04:02 -0400
From: pthomson@bruderhof.com
To: qrp-1@Lehigh.EDU (QRP List)
Subject: [24164] Re: 1000 Miles/watt awards
Message-ID: <E73CE2338100001F5CAB@mail.brunderhof.com>
MIME-Version: 1.0
Content-type: text/plain; charset="ISO-8859"
Content-disposition: inline
Content-transfer-encoding: 7bit

I'm not familiar with the 8714A, but I think your method is probably not accurate. The $P=E^2/R$ formula is for RMS voltage, which is probably NOT what you are reading with your DVM.

I use an oscilloscope, measure peak-to-peak, divide by 2.828 (twice the square root of 2) to get RMS, then square that and divide by the load resistance.

My Pixie 2 puts out about 300 mW, with a 2N3904 final transistor and the "book" pi filter (820 pF / 2.2 uH / 820 pF).

72 de KA2QPG,
Pierre Thomson

Ed Loranger wrote:

A few weeks ago I successfully QSO'd with Jim, W7LS my pixie2 to his QRO rig. I didn't know my exact output power and was conservative at 250 mW.

Last night, I connected the same ni-cad battery up to the Pixie that I used that night and decided to make an accurate measurement of the output power.

Attached 50 Ohm FEED-THRU shunt commonly used for Tracking generators. Then a commercial 8714A xtal detector. Finally, and not necessary I discovered, a 820 pF capacitor across the xtal output. Using my DVM I measured the output voltage during Receive and Transmit:

Pixie2 with 50 Ohm FeedThru shunt and xtal detector

Receive Voltage -----> .046 Volts
Transmit Voltage -----> .865 Volts

$P=E^2/R$
 $P=(.046)^2/50=42.3 \text{ uW}$ During Receive
 $P=(.865)^2/50=14.96 \text{ mw}$ During Transmit

Since $E=\sqrt{P \cdot R}$ and
IF $E=\sqrt{.25 \cdot 50}$ Then I should read 3.536 Volts for
250 mW output. But I don't.

Am I doing something wrong? Or did I go the
637 Miles with 15 milliwatts.

Date: Fri, 01 Aug 1997 16:38:35 EDT
From: kc4mhm@juno.com (ed miller)
To: qrp-1@Lehigh.EDU
Subject: [24165] JAX 'FEST
Message-ID: <19970721.093548.4951.2.KC4MHM@juno.com>

Gang:

Now is a fine time to ask, but does anyone know if there are any
QRP specific activities going on at the Jacksonville Hamfest this
weekend? It is also an ARRL National Convention so I guess I could ask
about a QRP Endorsement (just kidding).

Perseverance is our only asset

73 de Ed

KC4MHM@juno.com

Date: Fri, 01 Aug 1997 15:59:47 -0500
From: Joe Spencer <jspencer@starttext.net>
To: qrp-1@Lehigh.EDU
Subject: [24166] NORTEX QRP meeting
Message-ID: <3.0.1.32.19970801155947.0090bad0@starttext.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Gang,

You are all are invited to the next meeting of NORTEX,
the North Texas QRP club. This meeting will be informal (all
NORTEX meetings are informal). The meeting will convene at 10:AM at
Bodacious BBQ in Arlington Texas on Saturday the 2nd of August 1997. For
those interested, BBQ may be purchased and eaten beginning at 11:AM. We
wii have VEs there and will administer the written portion of the EXTRA exam
to at least 2 candidates.

Bodacious BBQ is on Division about 1/4 mile East of Hwy 157. If you
take Interstate 30 to get to Arlington, there is an exit at Hwy 157.
>From that exit, Division is about 1.9 miles South of 30 and Bodacious
BBQ is about 1/4 mile East of 157.

(Interstate 30 was known as the old Dallas-Ft.Worth toll road)

I hope you to see you there.

72/73 = 0.986301369863
Joe KK5NA
Joe Spencer
Engineer
Tarrant County Junior College
joes@tcjc.cc.tx.us
jspencer@startext.net

Date: Thu, 31 Jul 1997 22:53:22 -0700
From: n4oln@juno.com
To: adams@chuck.dallas.sgi.com
Cc: qrp-1@Lehigh.EDU
Subject: [24167] Re: K3ETS <SK>
Message-ID: <19970801.174642.11902.0.n4oln@juno.com>

May he rest in peace, but remember that he will be dx fer ever and I hope
that we all see him in heaven.
Cancer took my mother on december 7th of last year and it was not a
pleasant end.
Cancer is not a nice way to go. I sympathize with the family.

sk de n4oln-gary
n4oln@juno.com
n4oln@aol.com
I use to be a Bobwhite and a good old Bobwhite too.

End of QRP-L Digest 805
